

CA 1

1.

Code :

```
package com.selenium.project.sundar;
```

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.edge.EdgeDriver;
```

```
import org.testng.annotations.Test;
```

```
import io.github.bonigarcia.wdm.WebDriverManager;
```

```
import org.junit.Assert;
```

```
public class CA1 {
```

```
    WebDriver driver;
```

```
    @Test
```

```
    public void f() throws Exception {
```

```
        WebDriverManager.edgedriver().setup();
```

```
        driver=new EdgeDriver();
```

```
        driver.get("https://www.amazon.in/");
```

```
        driver.manage().window().maximize();
```

```
        System.out.println(driver.getTitle());
```

```
        Assert.assertEquals("Online Shopping site in India: Shop Online for Mobiles, Books,  
Watches, Shoes and More - Amazon.in", driver.getTitle());
```

```
        driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sendKeys("keyboard");
```

```
        driver.findElement(By.xpath("//*[@id=\"nav-search-submit-button\"]")).click();
```

```
        Thread.sleep(2000);
```

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```
driver.navigate().to("https://www.amazon.in/Wireless-Bluetooth-Multi-Device-Space-Saving-Smartphone/dp/B09SPTDTTL/ref=sr_1_2_sspa?keywords=keyboard&qid=1683191389&sr=8-2-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1");
```

```
driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
```

```
WebElement cart=driver.findElement(By.xpath("//*[@id=\"nav-cart-count\"]"));
```

```
driver.findElement(By.xpath("//*[@id=\"attach-close_sideSheet-link\"]")).click();
```

```
Assert.assertEquals(1, cart.getText());
```

```
cart.click();
```

```
driver.findElement(By.xpath("//*[@id=\"quantity_0\"]")).isEnabled();
```

```
driver.findElement(By.xpath("//*[@id=\"quantity_0\"]")).click();
```

```
driver.navigate().to("https://www.amazon.in/Wireless-Bluetooth-Multi-Device-Space-Saving-Smartphone/dp/B09SPTDTTL/ref=sr_1_2_sspa?keywords=keyboard&qid=1683191389&sr=8-2-spons&sp_csd=d2lkZ2V0TmFtZT1zcF9hdGY&th=1");
```

```
driver.findElement(By.xpath("//*[@id=\"add-to-cart-button\"]")).click();
```

```
cart.click();
```

```
WebElement crtupdt= driver.findElement(By.xpath("//*[@id=\"a-autoid-0-announce\"]"));
```

```
crtupdt.click();
```

```
WebElement opt=driver.findElement(By.xpath("//*[@id=\"quantity_2\"]"));
```

```
opt.click();
```

```
Assert.assertEquals(2, opt.getText());
```

```
driver.findElement(By.xpath("//*[@id=\"sc-buy-box-ptc-button\"]/span/input")).click();
```

```
Assert.assertEquals("https://www.amazon.in/gp/buy/addressselect/handlers/display.html?_from=cheetah", driver.getCurrentUrl());
```

```
}
```

```
}
```

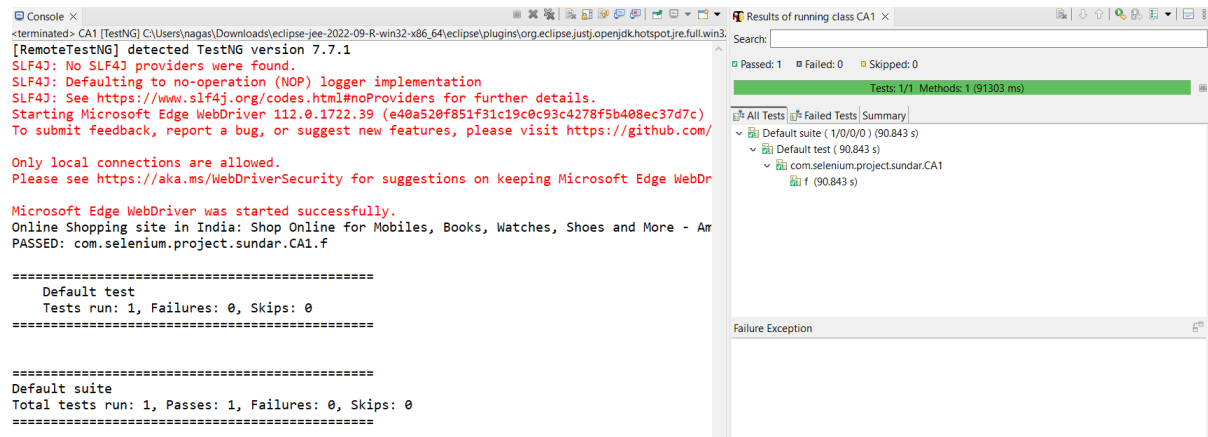
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Output (Console) :



2.

Code :

```
package com.selenium.project.sundar;

import java.util.List;

import org.junit.Assert;
import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class CA1Q2 {
    WebDriver driver;

    @Test
    public void f() {
        WebDriverManager.edgedriver().setup();
        driver=new EdgeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.amazon.in/");
        System.out.println(driver.getTitle());
    }
}
```

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```
Assert.assertEquals("Online Shopping site in India: Shop  
Online for Mobiles, Books, Watches, Shoes and More - Amazon.in",  
driver.getTitle());
```

```
driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sen  
dKeys("dress");
```

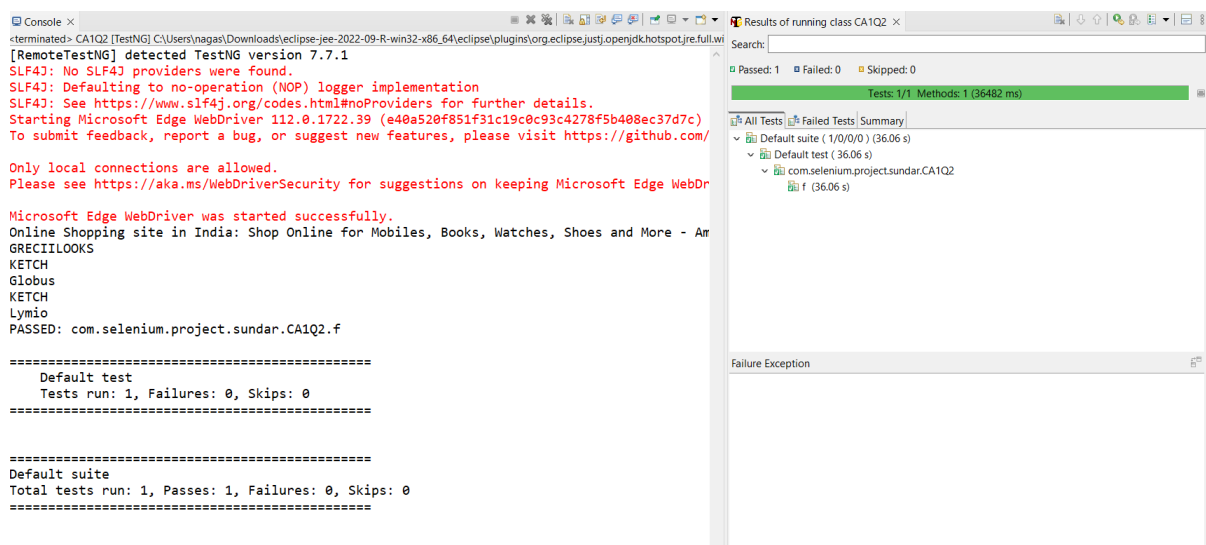
```
driver.findElement(By.xpath("//*[@id=\"twotabsearchtextbox\"]")).sen  
dKeys(Keys.ENTER);
```

```
List<WebElement> li=driver.findElements(By.className("s-  
line-clamp-1"));  
for(int i=0;i<5;i++) {  
    System.out.println(li.get(i).getText());  
}
```

```
driver.findElement(By.xpath("//*[@id=\"p_36/4595087031\"] /span/a/spa  
n")).isEnabled();
```

```
driver.findElement(By.xpath("//*[@id=\"p_36/4595087031\"] /span/a/spa  
n")).click();  
}  
}
```

Output (Console) :



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3.

Code :

```
package com.selenium.project.sundar;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.edge.EdgeDriver;
import org.testng.annotations.Test;

import io.github.bonigarcia.wdm.WebDriverManager;

public class CA1Q3 {
    WebDriver driver;
    @Test
    public void f() {
        WebDriverManager.edgedriver().setup();
        driver=new EdgeDriver();

        driver.get("https://www.amazon.in/ap/signin?openid.pape.max_auth_age=0&openid.return_to=https%3A%2F%2Fwww.amazon.in%2F%3Fref_%3Dnav_ya_signin&openid.identity=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.assoc_handle=inflex&openid.mode=checkid_setup&openid.claimed_id=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0%2Fidentifier_select&openid.ns=http%3A%2F%2Fspecs.openid.net%2Fauth%2F2.0&");
        driver.manage().window().maximize();

        driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).click();

        driver.findElement(By.xpath("//*[@id=\"ap_email\"]")).sendKeys("+919894147343");

        driver.findElement(By.xpath("//*[@id=\"continue\"]")).click();

        driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).click();

        driver.findElement(By.xpath("//*[@id=\"ap_password\"]")).sendKeys("Nagasundar@26");

        driver.findElement(By.xpath("//*[@id=\"signInSubmit\"]")).click();
        driver.findElement(By.xpath("//*[@id=\"nav-link-accountList\"]")).click();
    }
}
```

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```

        WebElement
acc=driver.findElement(By.xpath("//*[@id=\"a-
page\"])/div[2]/div/div[1]/h1"));
        String actual=acc.getText();
        String expected="Your Account";
        if(actual.equals(expected)) {
            System.out.println("User's Account page is
displayed");
        }
        driver.findElement(By.xpath("//*[@id=\"a-
page\"])/div[2]/div/div[2]/div[1]/a/div")).
        click();
        WebElement
ord=driver.findElement(By.xpath("//*[@id=\"a-
page\"])/section/div[1]/div[2]/div[1]/h1"));
        String act=ord.getText();
        String exp="Your Orders";
        if(act.equals(exp)) {
            System.out.println("User's Order page is
displayed");
        }
        driver.findElement(By.xpath("//*[@id=\"a-
page\"])/div[2]/div/div[2]/div[1]/a/div")).click();
        WebElement
trac=driver.findElement(By.xpath("//*[@id=\"a-
page\"])/section/div[1]/div[2]/div[1]/h1"));
        String act1=ord.getText();
        String exp1="Your orders";
        if(act.equals(exp)) {
        }
        System.out.println("User can able to track their
orders");

        driver.findElement(By.xpath("//*[@id=\"pop\"])/div/div[2]/div/div[1]/
div/div[3]/div/div/div/div/div[2]/div/div/a")).click();
        System.out.println("User can able to view their
packages");
    }
}

```

Output (Console) :

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The screenshot displays two windows from a Selenium IDE execution. The left window, titled 'Console', shows the execution log. It begins with a warning about SLF4J providers, followed by the successful start of Microsoft Edge WebDriver. The test steps include displaying the 'User's Account page' and 'User's Order page', and verifying that the user can track orders and view packages. The test concludes with a 'PASSED' status. The right window, titled 'Results of running class CA1Q3', shows a summary of the test run. It indicates that 1 test was passed, 0 failed, and 0 were skipped. The test suite 'Default suite' and the test 'Default test' are both shown as passed. The test method 'f' is also shown as passed. The test run time is 20.688 seconds.

```
<terminated> CA1Q3 [TestNG] C:\Users\nagas\Downloads\eclipse-jee-2022-09-R-win32-x86_64\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.wi
[RemoteTestNG] detected TestNG version 7.7.1
SLF4J: No SLF4J providers were found.
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See https://www.slf4j.org/codes.html#noProviders for further details.
Starting Microsoft Edge WebDriver 112.0.1722.39 (e40a520f851f31c19c0c93c4278f5b408ec37d7c)
To submit feedback, report a bug, or suggest new features, please visit https://github.com/

Only local connections are allowed.
Please see https://aka.ms/WebDriverSecurity for suggestions on keeping Microsoft Edge WebDr

Microsoft Edge WebDriver was started successfully.
User's Account page is displayed
User's Order page is displayed
User can able to track their orders
User can able to view their packages
PASSED: com.selenium.project.sundar.CA1Q3.f

=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

Results of running class CA1Q3

Search:

Passed: 1 Failed: 0 Skipped: 0

Tests: 1/1 Methods: 1 (21095 ms)

All Tests Failed Tests Summary

Default suite (1/0/0/0) (20.688 s)

Default test (20.688 s)

com.selenium.project.sundar.CA1Q3

f (20.688 s)

Failure Exception